

§Appl. No. 10/691,594
Amdt. dated September 30, 2005
Reply to Office Action of, June 2, 2005

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Cancelled)

Claim 2 (Currently Amended) The rain head of claim + 21 wherein the primary filter is a filter screen.

Claim 3 (Original) The rain head of claim 2 wherein the screen consists of woven stainless steel.

Claim 4 (Previously Presented) The rain head of claim 2 wherein the screen has an aperture size of 4 to 6mm.

Claim 5 (Currently Amended) The rain head of claim + 21 wherein the secondary filter is a filter screen.

Claim 6 (Currently Amended) The rain head of claim + 5 wherein the screen consists of woven stainless steel.

Claim 7 (Previously Presented) The rain head of claim 5 wherein the screen has an aperture size of 1 to 1.5m.

Claim 8 (Currently Amended) The rain head of claim + 22 wherein the tertiary filter consists of one or more layers of geotextile fabric.

Claim 9 (Original) The rain head of claim 8 wherein the geotextile fabric is non-woven.

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Claim 10 (Original) The rain head of claim 9 wherein the fabric has a thickness between 4.8 to 5.7mm.

Claim 11 (Previously Presented) The rain head of claim 8 wherein the tertiary filter has a drop cone characteristic of between H_{50} 6400 to H_{20} 12600 per layer, a CBR burst strength of between 5100N@60% to 9600N@60% per layer, a tensile strength of between 33kN/m x D/18kN/m MD to 68kN/m D/38kN/m MD per layer, a pore size between 100mm to 90mm per layer and a flow rate of between $80\text{Lm}^2/\text{s}$ to $65\text{Lm}^2/\text{s}$ per layer.

Claim 12 (Currently Amended) The rain head of claim + 22 wherein the tertiary filter separates particles down to 50 micron from the water that passes through it.

Claim 13 (Currently Amended) The rain head of claim + 21 having a stepped periphery.

Claim 14 (Currently Amended) The rain head of claim + 21 having a downpipe connecting portion extending therefrom and a free end of the connecting portion providing the inlet from the rain head.

Claim 15 (Cancelled)

Claim 16 (Cancelled)

Claim 17 (Previously Presented) The rain head of claim 3 wherein the screen has an aperture size of 4 to 6mm.

Claim 18 (Previously Presented) The rain head of claim 6 wherein the screen has an aperture size of 1 to 1.5m.

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Claim 19 (Previously Presented) The rain head of claim 9 wherein the tertiary filter has a drop cone characteristic of between H_{50} 6400 to H_{20} 12600 per layer, a CBR burst strength of between 5100N@60% to 9600N@60% per layer, a tensile strength of between 33kN/m x D/18kN/m MD to 68kN/m D/38kN/m MD per layer, a pore size between 100mm to 90mm per layer and a flow rate of between $80\text{Lm}^2/\text{s}$ to $65\text{Lm}^2/\text{s}$ per layer.

Claim 20 (Previously Presented) The rain head of claim 10 wherein the tertiary filter has a drop cone characteristic of between H_{50} 6400 to H_{20} 12600 per layer, a CBR burst strength of between 5100N@60% to 9600N@60% per layer, a tensile strength of between 33kN/m x D/18kN/m MD to 68kN/m D/38kN/m MD per layer, a pore size between 100mm to 90mm per layer and a flow rate of between $80\text{Lm}^2/\text{s}$ to $65\text{Lm}^2/\text{s}$ per layer.

Claim 21 (New) A rain head having an inlet and an outlet, at least a primary filter through which water may pass and a secondary filter through which water passing through the primary filter may flow, the secondary filter filtering smaller particles from the water than the primary filter, the rain head having a downpipe connecting portion extending therefrom and a free end of the connecting portion providing the inlet from the rain head, wherein at least one of the primary filter and the secondary filter has a peaked portion spaced from sides of the filter and downwardly sloping portions extending from the peak to the sides, whereby particles caught by the filters may be washed to the sides of the filter to minimize restriction of water flow through the filters.

Claim 22 (New) The rain head of claim 21 including a tertiary filter located between the secondary filter and the outlet, the tertiary filter filtering smaller particles from the water than the secondary filter.

Claim 23 (New) The rain head of claim 21 wherein both the primary and secondary filters have peaked portions spaced from sides of the filter and downwardly sloping portions extending from the peaks to the sides.